

Abstract

A medical device and its use are described. The device is useful for replacement or treatment of a diseased or damaged intervertebral spinal disc. The device has volume to occupy space between vertebral bodies, has mechanical elasticity to provide motion
5 between vertebral bodies, and sufficient strength to withstand the forces and loads on the vertebra. The device may have modifications to allow for attachment to the bones of the vertebrae. The device may also contain modifications for ease of placement in the anatomic space between vertebral bodies. The device may be constructed to expand to restore the normal height of the intervertebral space.